

Notice of Allowability

Application No.

10/643,761

Examiner

Robert Grant

Applicant(s)

LAM ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-19-2003.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MICHAEL SHERRY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Leason on the 30th of November 2004.

The application has been amended as follows:

Claims:

1. (Currently Amended) A battery charger comprising:
 - a charger body having
 - a charge circuit coupled to a power supply;
 - at least one first conductor electrically coupled to said charge circuit; and
 - at least one first contact electrically coupled to said charge circuit; and
 - a battery compartment having
 - at least one second contact electrically coupled to said first contact,
 - at least one second conductor electrically coupled to said second contact;said battery compartment being coupled to said charger body so that at a fold position said battery compartment forms one unit with said charger body, while at a charge position said battery compartment accommodates at least one battery for charging.
2. (Currently Amended) The battery charger as recited in Claim 1 wherein said battery compartment is pushed into said charger body to provide said fold position and pulled out said charger body to provide said charge position.
3. (Currently Amended) The battery charger as recited in Claim 1 wherein said battery compartment is pivotally coupled to said charger body.
4. (Original) The battery charger as recited in Claim 1 wherein said first and second conductors are in opposition at said charge position.
5. (Currently Amended) The battery charger as recited in Claim 1 further including a first rotational holder of said first conductor, said rotational holder being coupled to said charger body so that said first rotational holder rotates to zero degrees to provide a horizontal position and to 90 degrees to provide a vertical position.

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6. (Original) The battery charger as recited in Claim 5 further including a second rotational holder of said first conductor so that when said first rotational holder is at the horizontal position, said second rotational holder is at the vertical position.
7. (Currently Amended) The battery charger as recited in Claim 1 wherein said battery compartment is detachably coupled to said charger body.
8. (Currently Amended) The battery charger as recited in Claim 3 wherein said battery compartment has two locking bolts and said charger body has two locking nuts and said locking bolts are electrically and pivotally coupled to said locking nuts.
9. (Original) The battery charger as recited in Claim 1 wherein said charger body further includes a switch for choosing battery types.
10. (Currently Amended) The battery charger as recited in Claim 6 wherein said battery compartment has two locking bolts and said charger body has two locking nuts and said locking bolts are electrically and pivotally coupled to said locking nuts.

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: In Figure 4 of the drawings, element number 4 has been deleted. See attached approved formal drawings.

3. The following is an examiner's statement of reasons for allowance: Claims 1-10 recite, inter alia, a battery charger with a folding structure in which the charger body has a least one first conductor and at least one first contact electrically coupled to the charger body. A battery compartment which has at least one second contact electrically coupled to first contact and at least one second conductor electrically coupled to second contact.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

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preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Grant whose telephone number is 571-272-2727. The examiner can normally be reached on M-F 8:30-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on 571-272-2084. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RG

 12/10/04
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